

032604

Please type a plus (+) sign in this box →

+

PTO/SB/05 (4/98)
Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. PTO

UTILITY PATENT APPLICATION TRANSMITTAL

Only for new non-provisional applications under 37 C.F.R. § 1.53(B)

Attorney Docket No. 02-6036/L13.12-0230
First Inventor or Application Identifier Derrick Sai Tang Butt et al.
Title MACRO CELL FOR INTEGRATED CIRCUIT
PHYSICAL LAYER INTERFACE
Express Mail Label No. EV178025073US

PTO
10/8/02
22278

032604

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

Address To: Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

1. ☒ *Fee Transmittal Form e.g., PTO/SB17)
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Sheets 45]
(preferred arrangement set forth below)
- Descriptive title of the Invention)
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. § 113) [Total Sheets 21]
4. Oath or Declaration [Total Sheets 3]
a. ☒ Newly unexecuted (original or copy)
b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 17 completed)
i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 C.F.R. §§1.63(d)(2) and 1.33(b).

* NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY
FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT
IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

5. ☐ Microfiche Computer Program (Appendix)
6. ☐ Nucleotide and/or Amino Acid Sequence Submission
(If applicable, all necessary)
a. ☐ Computer Readable Copy
b. ☐ Paper Copy (Identical to computer copy)
c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. ☒ Assignment Papers (cover sheet & document(s))
8. ☐ 37 C.F.R. § 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
9. ☐ English Translation Document
10. ☐ Information Disclosure Statement (IDS/PTO - PTO) ☐ Copies of IDS
11. ☐ Preliminary Amendment
12. ☒ Two Return Receipt Postcards (MPEP 503)
13. ☐ *Small Entity ☐ Statement filed in prior application.
Statement(s) Status still proper and desired
(PTO/SB/09-12)
14. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
15. ☐ Request and Cert. Under 35 USC 122 (Non-Pub)
16. ☒ Other: File Data Sheet

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation -in part (CIP)

of prior application No: _____

Prior application information:

Examiner _____

Group/Art Unit: _____

FOR CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE

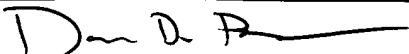
☐ Customer Number or Bar Code Label

24319

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

Name	Pete R. Scott					
	LSI LOGIC CORPORATION					
Address	1621 Barber Lane					
	M/S D-106					
City	Milpitas	State	CA	Zip Code	95035	
Country	USA	Telephone		Fax		

Name (Print/type)	David D. Brush	Registration No. (Attorney/Agent)	34,557
Signature		Date	3/26/04

FEE TRANSMITTAL		Complete if Known																																																																																													
		Application No.																																																																																													
		Filing Date	Herewith																																																																																												
		First Named Inventor	Derrick Sai Tang Butt et al.																																																																																												
		Title	MACRO CELL FOR INTEGRATED CIRCUIT PHYSICAL LAYER INTERFACE																																																																																												
		Group Art Unit																																																																																													
		Examiner Name																																																																																													
Total Amount of Payment \$ 770		Atty. Docket Number	02-6036/L13.12-0230																																																																																												
METHOD OF PAYMENT (Check One)		FEE CALCULATION (Continued)																																																																																													
1. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fee required under 37 C.F.R. § 1.16 and 1.17, including any petition fee, and credit any over payments to Deposit Account No. <u>12-2252</u> . 2. <input type="checkbox"/> Check Enclosed		3. ADDITIONAL FEES <table style="width: 100%; font-size: x-small;"> <thead> <tr> <th>Large Entity Fee</th> <th>Small Entity Fee</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> <tr> <th>Code (\$)</th> <th>Code (\$)</th> <th></th> <th></th> </tr> </thead> <tbody> <tr><td>1051 130</td><td>2051 65</td><td>Surcharge - Late filing fee or oath</td><td></td></tr> <tr><td>1052 50</td><td>2052 25</td><td>Surcharge - Late provisional Filing Fee or cover sheet</td><td></td></tr> <tr><td>1053 130</td><td>1053 130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812 2,520</td><td>1812 2,520</td><td>For Filing a Request for Reexamination. (ex parte)</td><td></td></tr> <tr><td>1251 110</td><td>2251 55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>1252 420</td><td>2252 210</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1253 950</td><td>2253 475</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1254 1,480</td><td>2254 740</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1255 2,010</td><td>2255 1,005</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1402 330</td><td>2402 165</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403 290</td><td>2403 145</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1814 110</td><td>2814 55</td><td>Terminal Disclaimer Fee</td><td></td></tr> <tr><td>1452 110</td><td>2452 55</td><td>Petition to Revive - unavoidable</td><td></td></tr> <tr><td>1453 1,330</td><td>2453 665</td><td>Petition to Revive - unintentional</td><td></td></tr> <tr><td>1501 1,330</td><td>2501 665</td><td>Utility/Reissue issue fee (inc. advance copies)</td><td></td></tr> <tr><td>1502 480</td><td>2502 240</td><td>Design issue fee (inc. advance copies)</td><td></td></tr> <tr><td>1460 130</td><td>1460 130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1807 50</td><td>1807 50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>1806 180</td><td>1806 180</td><td>Submission of Information Disclosure Statement</td><td></td></tr> <tr><td>8021 40</td><td>8021 40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td colspan="4">Other Fee (specify) _____</td></tr> </tbody> </table>		Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid	Code (\$)	Code (\$)			1051 130	2051 65	Surcharge - Late filing fee or oath		1052 50	2052 25	Surcharge - Late provisional Filing Fee or cover sheet		1053 130	1053 130	Non-English specification		1812 2,520	1812 2,520	For Filing a Request for Reexamination. (ex parte)		1251 110	2251 55	Extension for reply within first month		1252 420	2252 210	Extension for reply within second month		1253 950	2253 475	Extension for reply within third month		1254 1,480	2254 740	Extension for reply within fourth month		1255 2,010	2255 1,005	Extension for reply within fifth month		1402 330	2402 165	Filing a brief in support of an appeal		1403 290	2403 145	Request for oral hearing		1814 110	2814 55	Terminal Disclaimer Fee		1452 110	2452 55	Petition to Revive - unavoidable		1453 1,330	2453 665	Petition to Revive - unintentional		1501 1,330	2501 665	Utility/Reissue issue fee (inc. advance copies)		1502 480	2502 240	Design issue fee (inc. advance copies)		1460 130	1460 130	Petitions to the Commissioner		1807 50	1807 50	Petitions related to provisional applications		1806 180	1806 180	Submission of Information Disclosure Statement		8021 40	8021 40	Recording each patent assignment per property (times number of properties)		Other Fee (specify) _____			
Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid																																																																																												
Code (\$)	Code (\$)																																																																																														
1051 130	2051 65	Surcharge - Late filing fee or oath																																																																																													
1052 50	2052 25	Surcharge - Late provisional Filing Fee or cover sheet																																																																																													
1053 130	1053 130	Non-English specification																																																																																													
1812 2,520	1812 2,520	For Filing a Request for Reexamination. (ex parte)																																																																																													
1251 110	2251 55	Extension for reply within first month																																																																																													
1252 420	2252 210	Extension for reply within second month																																																																																													
1253 950	2253 475	Extension for reply within third month																																																																																													
1254 1,480	2254 740	Extension for reply within fourth month																																																																																													
1255 2,010	2255 1,005	Extension for reply within fifth month																																																																																													
1402 330	2402 165	Filing a brief in support of an appeal																																																																																													
1403 290	2403 145	Request for oral hearing																																																																																													
1814 110	2814 55	Terminal Disclaimer Fee																																																																																													
1452 110	2452 55	Petition to Revive - unavoidable																																																																																													
1453 1,330	2453 665	Petition to Revive - unintentional																																																																																													
1501 1,330	2501 665	Utility/Reissue issue fee (inc. advance copies)																																																																																													
1502 480	2502 240	Design issue fee (inc. advance copies)																																																																																													
1460 130	1460 130	Petitions to the Commissioner																																																																																													
1807 50	1807 50	Petitions related to provisional applications																																																																																													
1806 180	1806 180	Submission of Information Disclosure Statement																																																																																													
8021 40	8021 40	Recording each patent assignment per property (times number of properties)																																																																																													
Other Fee (specify) _____																																																																																															
FEE CALCULATION		Subtotal (3) \$																																																																																													
1. BASIC FILING FEE <table style="width: 100%; font-size: x-small;"> <thead> <tr> <th>Large Entity Fee</th> <th>Small Entity Fee</th> <th>Fee Description</th> </tr> <tr> <th>Code (\$)</th> <th>Code (\$)</th> <th></th> </tr> </thead> <tbody> <tr><td>1001 770</td><td>2001 385</td><td><input checked="" type="checkbox"/> Utility Filing Fee</td></tr> <tr><td>1002 340</td><td>2002 170</td><td><input type="checkbox"/> Design Filing Fee</td></tr> <tr><td>1004 770</td><td>2004 385</td><td><input type="checkbox"/> Reissue Filing Fee</td></tr> <tr><td>1005 160</td><td>2005 80</td><td><input type="checkbox"/> Prov. Filing Fee</td></tr> <tr><td colspan="3" style="text-align: right;">Subtotal (1) \$ 770</td></tr> </tbody> </table>		Large Entity Fee	Small Entity Fee	Fee Description	Code (\$)	Code (\$)		1001 770	2001 385	<input checked="" type="checkbox"/> Utility Filing Fee	1002 340	2002 170	<input type="checkbox"/> Design Filing Fee	1004 770	2004 385	<input type="checkbox"/> Reissue Filing Fee	1005 160	2005 80	<input type="checkbox"/> Prov. Filing Fee	Subtotal (1) \$ 770																																																																											
Large Entity Fee	Small Entity Fee	Fee Description																																																																																													
Code (\$)	Code (\$)																																																																																														
1001 770	2001 385	<input checked="" type="checkbox"/> Utility Filing Fee																																																																																													
1002 340	2002 170	<input type="checkbox"/> Design Filing Fee																																																																																													
1004 770	2004 385	<input type="checkbox"/> Reissue Filing Fee																																																																																													
1005 160	2005 80	<input type="checkbox"/> Prov. Filing Fee																																																																																													
Subtotal (1) \$ 770																																																																																															
2. EXTRA CLAIM FEES <table style="width: 100%; font-size: x-small;"> <thead> <tr> <th></th> <th>Number Claims</th> <th>Prior**</th> <th>Extra</th> <th>Fee from Below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>Total</td><td>18</td><td>20</td><td>0</td><td>18</td><td>0</td></tr> <tr><td>Indep.</td><td>3</td><td>3</td><td>0</td><td>86</td><td>0</td></tr> </tbody> </table> <p>Multiple Dependent Claims</p> <p>** Insert 3 and 20, or number previously paid if greater; Reissue see below</p> <table style="width: 100%; font-size: x-small;"> <thead> <tr> <th>Large Entity Fee</th> <th>Small Entity Fee</th> <th>Description</th> </tr> <tr> <th>Code (\$)</th> <th>Code (\$)</th> <th></th> </tr> </thead> <tbody> <tr><td>1202 18</td><td>2202 9</td><td>Claims in excess of 20</td></tr> <tr><td>1201 86</td><td>2201 43</td><td>Independent claims in excess of 3</td></tr> <tr><td>1203 290</td><td>2203 145</td><td>Multiple Dependent Claims</td></tr> <tr><td>1204 86</td><td>2204 43</td><td>Reissue Independent Claims over Original Patent</td></tr> <tr><td>1205 18</td><td>2205 9</td><td>Reissue claims in excess of 20 and over original patent</td></tr> <tr><td colspan="3" style="text-align: right;">Subtotal (2) \$ 0</td></tr> </tbody> </table>			Number Claims	Prior**	Extra	Fee from Below	Fee Paid	Total	18	20	0	18	0	Indep.	3	3	0	86	0	Large Entity Fee	Small Entity Fee	Description	Code (\$)	Code (\$)		1202 18	2202 9	Claims in excess of 20	1201 86	2201 43	Independent claims in excess of 3	1203 290	2203 145	Multiple Dependent Claims	1204 86	2204 43	Reissue Independent Claims over Original Patent	1205 18	2205 9	Reissue claims in excess of 20 and over original patent	Subtotal (2) \$ 0																																																						
	Number Claims	Prior**	Extra	Fee from Below	Fee Paid																																																																																										
Total	18	20	0	18	0																																																																																										
Indep.	3	3	0	86	0																																																																																										
Large Entity Fee	Small Entity Fee	Description																																																																																													
Code (\$)	Code (\$)																																																																																														
1202 18	2202 9	Claims in excess of 20																																																																																													
1201 86	2201 43	Independent claims in excess of 3																																																																																													
1203 290	2203 145	Multiple Dependent Claims																																																																																													
1204 86	2204 43	Reissue Independent Claims over Original Patent																																																																																													
1205 18	2205 9	Reissue claims in excess of 20 and over original patent																																																																																													
Subtotal (2) \$ 0																																																																																															

Signature David D. Brush
(David D. Brush)

Reg. No. 34,557

Date 3/26/04

Deposit Account No. 12-2252